Title: CURVATURE BASED METHOD FOR SELECTING FEATURES FROM AN ELECTROPHYSIOLOGIC SIGNALS FOR PURPOSE

OF COMPLEX IDENTIFICATION AND CLASSIFICATION

REMARKS

This is in response to the Office Action mailed on May 19, 2004. Claims 1-20 are pending in this application.

Information Disclosure Statement

Applicant submitted an Supplemental Information Disclosure Statement and a 1449 Form on May 4, 2004. Applicant respectfully requests that initialed copies of the 1449 Forms be returned to Applicants' Representatives to indicate that the cited references have been considered by the Examiner.

Double Patenting Rejection

Claims 1-20 were rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-40 of U.S. Patent No. 6,684,100. (The Office Action indicated U.S. Patent No. 6,684,10. Applicant is proceeding under the assumtion that the final "0" was inadvertently dropped from the Patent No.)

A terminal disclaimer in accordance with 37 C.F.R. § 1.321 is enclosed to overcome the rejection.

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Serial Number: 10/734,327

Filing Date: December 12, 2003

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Conclusion

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at (612) 373-6912 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

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By their Representatives,

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this day of September, 2004.

Name

Signature